Poster Session B

- Dual Way Characterization of Aerosols by, the Galaicis-1 A Powerful Tool Sofor Inhalation Exposures

 E.F. Aharokson, Q. Bernstein and N. Karasikov, Israel Invited for Billing Calair Labs Inc., Migha, Univ. Emek, Israel
- 8 B A System for the Exposure of Mice to Toxic Aerosols.

 A. Black J.N. Pritchard and M. Walsh Environmental & Medical Sciences

 Division A E.R. E. Harwell, Oxon, UK
 - Effect of Diurnal or Nocturnal Ozone Exposure on the Pulmonary Response of Rais
 - L. van Bree, P.J.A. Rombout, M. Marry P.H.B. Fokkens, A.J.F. Boere and I. Bos, National Institute of Public Health and Enchoungmental Hygienes. Department of Inhalation Toxicology, Bilthoven, The Netherlands.
- 20 B. Factors Affecting Particle Clearance from the Rat Lung C.G. Collier, A. Hodgson, M.R. Bailey and S.E. Barry, National Radiological Protection Board, Chilton, Didcot, Uson, UK.
- 26 B. Outline of Facilities and Activity of Japan Bioassay Laboratory
 K. Nozaki, E. Nakayanfa and M. Engineto
 Japan Bioassay Laboratory, Kanagawa, Japan and A.
- 32 B An Experimental Rabbit Model for Studying Acute Effect of Environmental Arritant Aerosols and Gases on Respiration. Heart and Circulation M.S. Islam, D. Haake, F. J. Reviter Medizinisches Internation University giene Dusseldorf, FRG.
- 16 B Inhalation Toxicity Studies of Formaldehyde in Rats. 8 hour Continuous Versus 8 hour Intermittent Exposures.

 I.W.G.M. William R.A. Woutersenvand V.I. Feron. TNO CIVO Toxicology and Nutrition Institute. Department of Biological Toxicology, Zeist, The Notherlands.
- 37 B. Exhalation Rates of Volatile N-Nitrosemines in Compansion with Matro-samine Blood Levels after Different Modes of Application in Rats R.G. Klein. B. Schmezer, P. Schmezer, B. Smeglhalder and D. Schmahl, Institute of Loxicology and Chemotherapy, German Cancer Research Center, Heidelberg, FRG.

42'B Design and Performance Characteristics of an Inhalation Chamber for the Exposure of Small Laboratory Animals to Low Concentrations of Air Pollutants

M. Marra, P.J. AdRombout and H. W. Baltoort, National Institute of Rublic Health and Environmental Hygiene, Department of Inhalation Toxicology Bilthoven, The Netherlands

- 46 B. A New Inhalation Apparatus Designed for Dogs and its Application to Toxicity Study of Volcanic Ash
 R. Nagata and M. Nitzeki. Ship Nippon Biomedical Laboratories Lid
 Kagoshima and Shibata Scientific Technology Ltd., Tokyo Japan.
- The Effect of Restraint in Nose only Exposure Tubes during Pregnancy on Teratogenic Endpoints in Sprague Dawley Rats

 A.I. Nikiforov and O. Allgower, Battelle, Centre for Toxicology and Biosciences Geneva, Switzerland
- Health Effects of Diesel Exhaust. The Influence of Enzootic Infections on the Incidence of Primary Lung Tumors in Diesel Exhaust Exposed Male Rats O.R. Moss, B.J. Greenspan, R.H. Busch, R.F. Buschbom, S.E. Rowe, Battelle, Pacific Northwest Laboratories, Richland, WA 99852 and R.M. Schreck, Biomedical Science Department, General Motors Research Laboratories, Warren Mi 48090 USA
- Health Effects of Diesel Exhause: The Influence of Age during Exposure on the Incidence of Primary Lung Tumors in Diesel Exhaust Exposed Male Rats O.R. Moss, B.f. Greenspan Ryl. Busch R.L. Buschbom, S.E. Rowe, Battelle Pacific Northwest Laboratories, Righland, WA 94352 and R.M. Schreck, Biomedical Science Department, General Motors Research Laboratories, Warren MI 48090 USA
- 63 B Animal Initial ation Facilities and Experimental Design for Diesel Engine Emissions

T. Suzüki, T. Nakajima, J. Suevosh) and S. Ishiwata, (HERP) Japan Automobile Research Institute, Ibataki, Japan.

- Non-linear Relationship between the Dose Deposited in the Respiratory
 Tract and the Dose to Target Tissues
 M:A. Medinsky and R.O. McClellan, Lovelace Inhalation Toxicology Research
 Institute, Albuquerque, NM 87188, USA.
- 39 C Toxicokinetics of Inhaled Pure and Particle associated Organic Chemicals J.A. Bond, J.D. Sun, M.A. Medinsky, C.E. Mitchell, R.K. Wolff and R.O. McClellan, Lovelace Inhalation Toxicology Research Institute, Albuquerque, NM 87185, USA.
- 47-C Significance of the Extraalveolar Perivascular Sheath in the Alveolar Clearance of Insoluble Particles

 S. Takenaka, H. Muhle, B. Bellmann and U. Mohr, Fraunhofer-Institut für Toxikologie und Aerosolforschung, Hannover, FRG.
- 55 C Accumulation of Ethoxyacetic Acid During Repeated Exposures to the Ethyl Ethers of Ethylene Glycol and Ethylene Glycol Acetate

 H. Veulemans, D. Groeseneken, R. Masschelein, E. van Vlem, Department of Occupational Medicine, Catholic University of Louvain, Louvain, Belgium.
- Interspecies Comparisons of Pulmonary Responses to Inhaled Particles and Fibers: Implications for Voxicologic Evaluations

 D.B. Warheit, M.S. Stefaniak and M.A. Harrsky, Du Pont-Haskell Laboratory, Newark, DE, USA
- Fate of Inhaled Particles, Determined by Neutron Activation
 A.P. Wehner, Battelle, Pacific Northwest Laboratories, Richland, WA, USA
- 68 C Concentration-time Relations in Acute Inhalation Toxicity. A Theoretical Study.

 A.L.M. Rutten, A. Zwart, P.G.J. Reuzel, TNO-CIVO Toxicology and Nutrition Institute, AJ Zeist, The Netherlands.